

AMENDMENTS

Please amend the application as follows:

In the Claims:

Please amend the claims as indicated hereafter.

1. (Currently Amended) An element management system (EMS) for managing elements of a communication network, the EMS in communication with a plurality of remote clients, comprising:

memory for storing a provision template to be used to configure a plurality of network elements of the communication network, the provision template having control values ~~that have been defined via user input~~ for provisioning the plurality of network elements of the communication network; one of the control values indicative of how a user has specified a network element attribute is to be provisioned for each of the plurality of network elements, the one control value based on user input received by at least one of the remote clients; and

a system controller configured to identify, based on user input received by at least one of the remote clients, each of the ~~[[a]]~~ plurality of network elements ~~to which the provision template is to be applied~~ and to automatically provision each of the identified network elements by updating a respective configuration of each of the identified network elements based on the one control value thereby changing the network element attribute for each of the plurality of network elements, wherein the network elements are communicatively coupled to the EMS via the communication network.

2. (Cancelled)

3. (Currently Amended) The EMS of claim 1, wherein:

~~the EMS is interfaced with a plurality of clients~~ the plurality of remote clients comprise a first remote client and a second remote client;

the memory stores sets of graphical user interface (GUI) code, each of the sets of GUI code defining a different GUI;

the system controller is configured to select one of the sets of GUI codes and to provide the selected set of GUI code to ~~one of the clients~~ the first remote client; and

the ~~[[one]]~~ first remote client is configured to display a GUI based on the selected set of GUI code and to define the provision template based on user inputs received by the ~~[[one]]~~ first remote client, the ~~[[one]]~~ first remote client further configured to transmit the provision template to the EMS.

4. (Currently Amended) The EMS of claim 1, wherein the plurality of remote clients comprises a first remote client and a second remote client, ~~the EMS is interfaced with a plurality of clients~~; and wherein the system controller is configured to receive the provision template from ~~one of the~~ the first remote clients client and to store the received provision template in the memory.

5. (Currently Amended) The EMS of claim 4, wherein the system controller receives the provision template from the ~~[[one]]~~ first remote client during a first communication session that is between the EMS and the ~~[[one]]~~ first remote client, and wherein the system controller is configured to provide the provision template to ~~another of the second remote clients client~~ during a second communication session that is between the EMS and the ~~other~~ second remote client.

6. (Currently Amended) The EMS of claim 5, wherein the system controller is configured to automatically provision each of the identified network elements in response to a request received from the ~~other~~ second remote client during the second communication session.

7. (Currently Amended) The EMS of claim 5, wherein the system controller is configured to receive template data from the ~~other~~ second remote client during the second communication session and to update the provision template stored in the memory based on the template data received from the ~~other~~ second remote client.

8. (Currently Amended) An element management system (EMS) for managing elements of a communication network, the EMS in communication with a plurality of remote clients, comprising:

memory; and

a system controller configured to receive a provision template from at least one of the plurality of remote clients and to store the provision template in the memory, the provision template having control values that have been defined via user input for provisioning network elements of the communication network, the user input received by the at least one remote client, the provision template correlated with a plurality of network elements to which the provision template is to be applied, each one of the control values specified by a user for controlling a ~~respective~~ network element attribute for each of the correlated network elements, the system controller configured to receive, from at least one of the remote clients, a request that identifies the provision template and to automatically provision, in response to the request, each of the correlated network elements based on the one control value ~~each of the control values of the provision template~~ thereby updating the network element attribute for each of the correlated

network elements based on the one control value, wherein the correlated network elements are provisioned based on information transmitted by the system controller over the communication network to the correlated network elements.

9. (Currently Amended) The system of claim 8, wherein:

~~the EMS is interfaced with a plurality of clients~~ the plurality of remote clients comprise a first remote client and a second remote client;

the system controller is configured to provide the provision template to ~~one of the clients~~ first remote client;

the ~~[[one]]~~ first remote client is configured to change the provision template based on user inputs and to communicate the changed provision template to the EMS; and

the system controller, in provisioning the correlated network elements, is configured to utilize control values indicated by the changed provision template.

10. (Cancelled)

11. (Currently Amended) The EMS of claim 8, wherein:

~~the EMS is interfaced with a plurality of clients~~ the plurality of remote clients comprises a first remote client and a second remote client;

the request is transmitted from ~~one of the clients~~ first remote client;

the system controller is configured to receive, from the ~~[[one]]~~ first remote client, data that identifies a plurality of network elements; and

the system controller is configured to correlate the provision template with each of the network elements identified by the data received from the ~~[[one]]~~ first remote client.

12. (Currently Amended) A method for managing elements of a communication network, comprising the steps of:

receiving a provision template from a remote client, the provision template having control values for controlling different network element attributes;

identifying, based on user input, a plurality of network elements to which the provision template is to be applied; and

automatically provisioning each of the identified network elements based on the control values, one of the control values ~~corresponds~~ corresponding to a particular network element attribute, the provisioning step comprising the steps of: for each of the identified network elements; and

~~automatically~~ controlling the particular network element attribute for each of the identified network elements based on the one control value of the provision template; and
transmitting information indicative of the one control value over a network to each of the identified network elements.

13. (Original) The method of claim 12, wherein the provisioning step is performed in response to user input.

14. (Currently Amended) A method for managing elements of a communication network, comprising the steps of:

defining a first provision template based on user input, the first provision template having control values and correlated with a plurality of network elements to which the first provision template is to be applied, each of the control values corresponding to a respective network element attribute for each of the correlated network elements;

receiving a request, from a remote client, that identifies the first provision template; and automatically provisioning, in response to the request, each of the correlated network elements based on each of the control values of the retrieved first provision template, the provisioning step comprising the step of steps of:

transmitting information indicative of the control values over the communication network to each the identified correlated network elements; and
configuring each of the correlated network elements based on the information.

15. (Previously Presented) The method of claim 14, further comprising the steps of:
displaying the first provision template; and
updating the first provision template based on user inputs,
wherein the provisioning step includes the step of storing control values indicated by the updated first provision template into each of the correlated network elements.

16. (Cancelled)

17. (Previously Presented) The method of claim 14, further comprising the steps of:
defining a second provision template, wherein the second provision template has a control value for controlling a particular network element attribute and wherein one of the control values of the first provision template is for controlling the particular network element attribute; and

selecting between the first and second provision templates based on the request, wherein the provisioning step is based on the selecting between the first and second provision templates step.

18. (Previously Presented) The EMS of claim 1, wherein the network element attribute is line speed, and wherein the system controller establishes the line speed of each of the identified network elements based on the one control value.

19. (Previously Presented) The EMS of claim 18, wherein one of the correlated network elements has a control value for controlling the line speed of the one network element, and wherein the system controller is configured to replace the control value of the one network element with the one control value of the provision template.

20. (Currently Amended) The EMS of claim 8, ~~wherein one of the control values is for controlling a network element attribute, and~~ wherein the system controller, in provisioning the correlated network elements, is configured to store the one control value in each of the correlated network elements such that the network element attribute for each of the correlated network elements is controlled by the one control value stored therein.

21. (Currently Amended) An element management method, comprising the steps of:
receiving, at a client, a user input specifying ~~allowing a user to specify~~ a first control value for controlling a network element attribute;
defining a first provision template based on the first control value specified by the user;
storing the first provision template in memory remote from the client; and
provisioning, in response to a request from a client remote from the memory, a first plurality of network elements based on the first provision template stored in the memory, wherein the provisioning a ~~first plurality of network elements~~ step comprises the ~~step of~~ steps of:

retrieving the first provision template from the memory in response to the request;
transmitting information indicative of the retrieved first provision template over a communication network to each of the first plurality of network elements; and
automatically setting, within each of the first plurality of network elements, a control value for the network element attribute based on the ~~first control value specified by the user,~~ wherein ~~the setting step is based on information transmitted over a communication network to the first plurality of network elements~~ information such that the first control value specified by the user affects the network element attribute for each of the first plurality of network elements.

22. (Previously Presented) The method of claim 21, wherein the setting further comprises storing, in each of the first plurality of network elements, the first control value specified by the user.

23. (Previously Presented) The method of claim 21, wherein the network element attribute is line speed, and wherein the first control value specified by the user indicates a particular line speed for the network elements.

24. (Currently Amended) The method of claim 21, further comprising the steps of:
allowing the user to specify a second control value for controlling the network element attribute;
defining a second provision template based on the second control value;
storing the second provision template in the memory; and
provisioning a second plurality of network elements based on the second provision template stored in the memory, wherein the provisioning a second plurality of network elements step comprises the step of steps of:
retrieving the second provision template from the memory;
transmitting information indicative of the retrieved second provision template over a communication network to each of the second plurality of network elements; and
automatically setting, within each of the second plurality of network elements, a control value for the network element attribute based on the ~~second control value specified by the user without the user repetitively specifying, for the second plurality of network elements, control values for controlling the network element attribute~~ information indicative of the retrieved second provision template such that the second control value specified by the user affects the network element attribute for each of the second plurality of network elements.

25. (Previously Presented) The method of claim 24, further comprising the step of selecting among the first and second provision templates based on a user input, wherein the provisioning a first plurality of network elements step is based on the selecting step.

26. (Previously Presented) The EMS of claim 1, wherein the network element attribute for each of the identified network elements is provisioned by the system controller without the user repetitively specifying how the network element attribute is to be provisioned for the identified network elements.

27. (Previously Presented) The method of claim 12, wherein the controlling step is performed without the user repetitively specifying, for the identified network elements, control values for the network attribute.

28. (Previously Presented) The method of claim 21, wherein the defining and provisioning steps are performed without the user repetitively specifying, for the first plurality of network elements, control values for controlling the network element attribute.